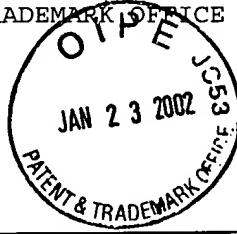


FORM PTO-1449
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. / DOCKET NO. / SERIAL NO.
RJK / 51451 / 09/966,238INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Hiroshi Shirai et al.FILING DATE / GROUP
09/28/01 / 2833

U.S. PATENT DOCUMENTS

EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
H	AA	5,288,247	2/1994	Kaufman	439	607	2/1993
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRNS Y/N
H	AK	2542233	7/1997	Japan	H01R	17/04	
A	AL	63-172071	11/1988	Japan	H01R	13/648	
H	AM	3-116674	12/1991	Japan	H01R	13/639	
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP		
	AR		
	AS		

Examiner:

Hym /ka

Date Considered:

5/23/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.